FACILITY NAME: SHCC/ESU VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM

VPDES PERMIT NUMBER: VA0062499

SCREENING INFORMATION

This application is divided into sections. Sections A pertain to all applicants. The applicability of Sections B. C and D depend on your facility's sewage sludge use or disposal practices. The information provided on this page will help you determine which sections to fill out.

- 1. All applicants must complete Section A (General Information).
- 2. Will this facility generate sewage sludge? X Yes No

Will this facility derive a material from sewage sludge? Yes X No

If you answered Yes to either, complete Section B (Generation Of Sewage Sludge Or Preparation Of A Material Derived From Sewage Sludge).

3. Will this facility apply sewage sludge to the land? X Yes No

Will sewage sludge from this facility be applied to the land? X Yes No

If you answered No to both questions above, skip Section C.

If you answered Yes to either, answer the following three questions:

- Will the sewage sludge from this facility meet the ceiling concentrations, pollutant concentrations, Class A pathogen reduction requirements and one of the vector attraction reduction requirements 1-8, as identified in the instructions?
 Yes X No
- b. Will sewage sludge from this facility be placed in a bag or other container for sale or give-away for application to the land? Yes X No
- c. Will sewage sludge from this facility be sent to another facility for treatment or blending? Yes X No

If you answered No to all three, complete Section C (Land Application Of Bulk Sewage Sludge).

If you answered Yes to a, b or c, skip Section C.

4. Do you own or operate a surface disposal site? Yes X No

If Yes, complete Section D (Surface Disposal).

SECTION A. GENERAL INFORMATION

All applicants must complete this section.

I .	Facili	ty Information.						
	a.	Facility name: Southampton Correctional Center / Enviro	nmental Services Unit (SHCC/ESU)					
	ъ.	Contact person: <u>Dallas L. Phillips</u>	Steve Bolton					
		Title: Environmental Services Manager	Treatment Plant Supervisor					
		Phone: (757) 925-2212, Ext. 5012	434-658-4174, Ext. 14182					
	C.	Mailing address: Va. Department of Corrections	Southampton Correctional Center					
	•	Street or P.O. Box: 1001 Obici Industrial Blvd., Suite F						
		City or Town: Suffolk State: Virginia Zip: 23434	Capron, Virginia 23829					
	đ.	Facility location:						
	•	Street or Route #: 308 & 652						
		County: Southampton						
		City or Town: Capron State: Virginia Zip: 2	3829					
	e.	Is this facility a Class I sludge management facility? Y						
	f.	Facility design flow rate:450 mgd						
		Total population served: Approximately 2,052						
	g. h.	Indicate the type of facility:						
	, s. 1	Publicly owned treatment works (POTW)	•					
		Privately owned treatment works						
		Federally owned treatment works						
		Blending or treatment operation						
		Surface disposal site						
		X Other (describe): State owned and operated treatmer	t works					
		Outer (describe). State owned and operated destance	L TO VALLE					
2.	Anni	Applicant Information. If the applicant is different from the above, provide the following:						
4.	а.	Applicant name: (N/A)	, 1					
	ъ.	Mailing address:						
	O.	Street or P.O. Box:						
		City or Town: State:	Zio:					
	C.	Contact person:						
	٠.	Title:						
		Phone: ()						
	d.	Is the applicant the owner or operator (or both) of this faci	lity?					
		owner operator	 .					
	e.	Should correspondence regarding this permit be directed t	o the facility or the applicant? (Check one)					
	•	facility applicant	, , , , , , , , , , , , , , , , , , ,					
3.	Perm	it Information.						
- •	a.	Facility's VPDES permit number (if applicable): VA006	2499					
	b.	List on this form or an attachment, all other federal, state or local permits or construction approvals received or applied						
		for that regulate this facility's sewage sludge management						
		Permit Number: Type of Permit:	•					
		N/A						
4.		n Country. Does any generation, treatment, storage, applicati	on to land or disposal of sewage sludge from this facility					
		in Indian Country? Yes X No If yes, describe:						

shows the folloa. Locat	owing information. Maps sho	ould include the agement faciliti	area one mile beyond all	f a topographic map is unavailal property boundaries of the faci here sewage sludge is generated 5.2.2.4. b.
b. Locat		other surface wa	ater bodies listed in publi	c records or otherwise known to
employed duri	ng the term of the permit incl stination(s) of all liquids and s	uding all proces solids leaving ea	ses used for collecting, d	Il sewage sludge processes that ewatering, storing, or treating s used for pathogen reduction and 6.
treatment, use	or disposal the responsibility the following for each contra	of a contractor?	Yes X No	related to sewage sludge genera
Street or P.O. City or Town: Phone: ()				
	e applicant and the respective			ride a description of the service ractor(s).
pollutants whi	ch limits in sewage sludge hatces. All data must be based of	ve been establis on three or more	hed in 9 VAC 25-31-10 e	ewage studge monitoring data for the seq. for this facility's expected the month apart and must be no
pollutants whi disposal practi	ch limits in sewage sludge hatces. All data must be based of	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or	et seq. for this facility's expected
pollutants whi disposal practi four and one-h	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whi disposal practi four and one-h	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whi disposal practi four and one-fi	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whi disposal practi four and one-h POLLUTANT Arsenic Cadmium Chromium	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whi disposal practi four and one-b POLLUTANT Arsenic Cadmium	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whin disposal practic four and one-formal process. POLLUTANT Arsenic Cadmium Chromium Copper	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whin disposal practifour and one-fromium Chromium Copper Lead	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whin disposal practifour and one-fit four and one-fit POLLUTANT Arsenic Cadmium Chromium Copper Lead Mercury	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whindisposal practifour and one-fermand one	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 e samples taken at least or nent Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whindisposal practifour and one-from and one-f	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION	ve been establis on three or more See Attach	hed in 9 VAC 25-31-10 es samples taken at least or ment Section A. 8. ANALYTICAL	et seq. for this facility's expectence month apart and must be no reported by the desired by the
pollutants whi disposal practifour and one-fermion and one-fermion are compared to the compare	ch limits in sewage sludge hat ces. All data must be based chalf years old. CONCENTRATION (mg/kg dry weight) Read and submit the following is an officer for purposes of	SAMPLE DATE DATE ag certification s	hed in 9 VAC 25-31-10 es samples taken at least or ment Section A. 8. ANALYTICAL METHOD statement with this applic	et seq. for this facility's expectence month apart and must be no reported by the desired by the

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title: Timothy G. Newton, Environmental Services Administrator

Signature June 19/11/12

Telephone number: (804) 674-3303, Ext. 1195

Upon request of the department, you must submit any other information necessary to assess sewage sludge use or disposal practices at your facility or identify appropriate permitting requirements.

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SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

1.		int Generated On Site.	
	Total	dry metric tons per 365-day period generated at your facility: 1	80 dry metric tons
^	A	int Received from Off Site. If your facility receives sewage slud	as from another facility for treatment use or disposal
2.	Amou	the following information for each facility from which sewage	ge from another facting for treatment, use of disposal,
		than one facility, attach additional pages as necessary.	e studge is received. If you receive sewage studge from
		Facility name: St. Brides Correctional Center / Environment	of Corrigon Unit
	a.		Charles Brown
	b.	Contact Person: Dallas L. Phillips	
		Title: Environmental Services Manager	Treatment Plant Supervisor
		Phone: (757) 925-2212, Ext. 5012	(757) 421-7141, Ext. 2860
	C.	Mailing address: Va. Department of Corrections	St. Brides Correctional Center
		Street or P.O. Box: 1001 Obici Industrial Blvd., Suite F	701 Sanderson Road
		City or Town: Suffolk State: Virginia Zip: 23434	Chesapeake, Virginia 23328-6482
	d.	Facility Address: 701 Sanderson Road, Chesapeake, Virgin	<u>ua 23328-6482</u>
		(not P.O. Box)	
	e.	Total dry metric tons per 365-day period received from this f	acility: 80 dry metric tons
	f.	Describe, on this form or on another sheet of paper, any treat	ment processes known to occur at the off-site facility,
		including blending activities and treatment to reduce pathoge	ens or vector attraction characteristics: SBR Wastewater
	-	Treatment Plant, Aerobic Digestion, Dewatering by Plate &	Frame Sludge Press, Trucked to SHCC in a Dumpster by
		a Contractor, Stored at SHCC in Biosolids Storage Building	(usually several months) until Land Applied by VDOC
		Agri-Business.	
3.	Treati	ment Provided at Your Facility.	
	a.	Which class of pathogen reduction is achieved for the sewag	e sludge at your facility?
		Class A X Class B Neither or unknown	
	b.	Describe, on this form or another sheet of paper, any treatme	nt processes used at your facility to reduce pathogens in
		sewage sludge: SBR Wastewater Treatment Plant, Aerobic I	Digestion, Dewatering by Plate & Frame Sludge Press
		and Drying Beds. Stored in Biosolids Storage Building Usua	lly Several Months Until Land Applied by DOC
		Agribusiness.	
-	C.	Which vector attraction reduction option is met for the seway	ge sludge at your facility?
	•	Option 1 (Minimum 38 percent reduction in volatile solid	
		Option 2 (Anaerobic process, with bench-scale demonstr	
		Option 3 (Aerobic process, with bench-scale demonstrati	
		Option 4 (Specific oxygen uptake rate for aerobically dig	
		Option 5 (Aerobic processes plus raised temperature)	and branch
		Option 6 (Raise pH to 12 and retain at 11.5)	
		Option 7 (75 percent solids with no unstabilized solids)	
		Option 8 (90 percent solids with unstabilized solids)	
		Option 8 (90 percent solids with distaornized solids)X None or unknown:(Option 10, Fecal Coliform Testing)	and Incomparition into the sail within 6 hours of applying)
	1	A None of unknown (Option 10, Fecal Comount resumg)	and incorporation into the soft within o notics of applying)
	d.	Describe, on this form or another sheet of paper, any treatme	
		attraction properties of sewage sludge: Same as 3. b. abov	<u>e</u>
	e.	Describe, on this form or another sheet of paper, any other se	ewage studge treatment activities, including blending, not
		identified in a - d above: (N/A)	
			and the Day in the second and One of
4.		uration of Sewage Sludge Meeting Ceiling and Pollutant Concern	trations, Class A Pathogen Requirements and One of
		or Attraction Reduction Options 1-8 (EQ Sludge). (N/A)	
	(If sew	rage sludge from your facility does not meet all of these criteria, skip Questi	on 4.)
	a.	Total dry metric tons per 365-day period of sewage sludge s	abject to this section that is applied to the land:
		dry metric tons:	
	b.	Is sewage sludge subject to this section placed in bags or oth	er containers for sale or give-away?
		YesNo	
5.	Sale o	or Give-Away in a Bag or Other Container for Application to the	e Land. (<u>N/A)</u>

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SECTION B. GENERATION OF SEWAGE SLUDGE OR PREPARATION OF A MATERIAL DERIVED FROM SEWAGE SLUDGE

Complete this section if your facility generates sewage sludge or derives a material from sewage sludge

1.		ant Generated On Site. dry metric tons per 365-day period generated at your facility:	180 dry metric tons				
2.	provid	unt Received from Off Site. If your facility receives sewage slud de the following information for each facility from which sewage than one facility, attach additional pages as necessary.	dge from another facility for treatment, use or disposal, te sludge is received. If you receive sewage sludge from				
	a.	Facility name: Haynesville Correctional Center / Environme	ental Services Unit				
	a. b.	Contact Person: Dallas L. Phillips	Graham L. Jett				
	U.	Title: Environmental Services Manager	Treatment Plant Supervisor				
		Phone: (757) 925-2212, Ext. 5012	(804-333-3577) ext. 4757				
		Mailing address: Va. Department of Corrections	Haynesville Correctional Center				
	C.	Maining address: Va. Department of Corrections	Route 360 East, P.O. Box 39				
		Street or P.O. Box: 1001 Obici Industrial Blvd., Suite F	Haynesville, Virginia 22472				
	-	City or Town: Suffolk State: Virginia Zip: 23434					
	d.	Facility Address: Route 360 east, Haynesville, Virginia 22	<u>4/2</u>				
		(not P.O. Box)	e :::				
	e.	Total dry metric tons per 365-day period received from this	facility: 50 dry metric tons				
	f.	Describe, on this form or on another sheet of paper, any trea	tment processes known to occur at the off-site facility,				
		including blending activities and treatment to reduce pathog	ens or vector attraction characteristics: SBR Wastewater				
		Treatment Plant, Aerobic Digestion, Dewatering by Fan Slo	idge Press & Drying Beds, Trucked to SHCC in a Covered				
		Leak Proof Dumpster by DOC. Stored at SHCC in Biosolid	s Storage Building Usually Several Months Before				
		Being Land Applied on DOC Property by DOC Agribusine	<u>SS.</u>				
3.	Treat	ment Provided at Your Facility.					
	a.	Which class of pathogen reduction is achieved for the sewage	ge sludge at your facility?				
		Class AX_Class BNeither or unknown	•				
	b.	Describe, on this form or another sheet of paper, any treatme	ent processes used at your facility to reduce pathogens in				
		sewage sludge: SBR Wastewater Treatment Plant, Aerobic I	Digestion, Dewatering by Plate & Frame Sludge Press				
		and Drying Beds. Stored in Biosolids Storage Building Usua	ally Several Months Until Land Applied by DOC				
		Agribusiness.					
	c.	Which vector attraction reduction option is met for the s	ewage sludge at your facility?				
	•••	Option 1 (Minimum 38 percent reduction in volatile soli					
		Option 2 (Anaerobic process, with bench-scale demonstr	ration)				
		Option 3 (Aerobic process, with bench-scale demonstrat	ion)				
		Option 4 (Specific oxygen uptake rate for aerobically dig	vested sludge)				
		Option 5 (Aerobic processes plus raised temperature)	50004 344450)				
		Option 5 (Action processes plus faised temperature) Option 6 (Raise pH to 12 and retain at 11.5)					
		Option 7 (75 percent solids with no unstabilized solids)					
		Option 8 (90 percent solids with unstabilized solids)					
		Upiton 8 (90 percent solids with unstabilized solids)	and Incompanies into the rail within 6 hours of anniving)				
	1	X None or unknown: (Option 10, Fecal Coliform Testing	and incorporation into the soft within 6 notes of applying)				
	d.	Describe, on this form or another sheet of paper, any treatme	ent processes used at your facility to reduce vector				
		attraction properties of sewage sludge: Same as 3, b, above	<u>'e</u>				
	e.	Describe, on this form or another sheet of paper, any other s	ewage sludge treatment activities, including blending, not				
		identified in a - d above: (N/A)					
	75	Company Company Company Company Company	trations Class A Pathagon Boguiromants and One of				
4.		eration of Sewage Sludge Meeting Ceiling and Pollutant Concern	urations, Class A rathogen requirements and One of				
		or Attraction Reduction Options 1-8 (EQ Shudge). (N/A)					
	-	(If sewage studge from your facility does not meet all of these criteria, skip Question 4.)					
	a.	Total dry metric tons per 365-day period of sewage sludge s	subject to this section that is applied to the land:				
		dry metric tons:					
	b.	Is sewage sludge subject to this section placed in bags or other	ner containers for sale or give-away?				
		YesNo					
_	c •	Of A control of Acceptance of the Control of the Co	a Land (DIA)				
5.	Sale (or Give-Away in a Bag or Other Container for Application to the	CLABOL (IV/A)				

FAC		AME: SHCC/ESU VPDES PERMIT NUMBER: VA0062499
	(Comp	lete this question if you place sewage sludge in a bag or other container for sale or give-away prior to land application. Skip this question if
	sewage	sludge is covered in Question 4.)
	a.	Total dry metric tons per 365-day period of sewage sludge placed in a bag or other container at your facility for sale or give-away for application to the land: dry metric tons
	b.	Attach, with this application, a copy of all labels or notices that accompany the sewage sludge being sold or given away in a bag or other container for application to the land.
6.	Shipn	nent Off Site for Treatment or Blending. (N/A)
	(Comp	lete this question if sewage sludge from your facility is sent to another facility that provides treatment or blending. This question does not
		to sewage sludge sent directly to a land application or surface disposal site. Skip this question if the sewage sludge is covered in Questions 4 or
	5. If y	ou send sewage sludge to more than one facility, attach additional sheets as necessary.)
	a.	Receiving facility name:
	ъ.	Facility contact:
		Title:
		Phone: ()
	C.	Mailing address:
		Street or P.O. Box:
		City or Town: State: Zip:
		d. Total dry metric tons per 365-day period of sewage sludge provided to receiving facility: dry
		metric tons
	e.	List, on this form or an attachment, the receiving facility's VPDES permit number as well as the numbers of all other federal, state or local permits that regulate the receiving facility's sewage sludge use or disposal practices: <u>Permit Number:</u> <u>Type of Permit:</u>
•	f.	Does the receiving facility provide additional treatment to reduce pathogens in sewage sludge from your facility? YesNo
		Which class of pathogen reduction is achieved for the sewage sludge at the receiving facility?
		Class AClass BNeither or unknown
		Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce
		pathogens in sewage sludge:
		g. Does the receiving facility provide additional treatment to reduce vector attraction characteristics of the sewage sludge?YesNo
		Which vector attraction reduction option is met for the sewage sludge at the receiving facility?
		Option 1 (Minimum 38 percent reduction in volatile solids)
		Option 2 (Anaerobic process, with bench-scale demonstration)
		Option 3 (Aerobic process, with bench-scale demonstration)
		Option 4 (Specific oxygen uptake rate for aerobically digested sludge)
		Option 5 (Aerobic processes plus raised temperature)
		Option 6 (Raise pH to 12 and retain at 11.5)
		Option 7 (75 percent solids with no unstabilized solids)
		Option 8 (90 percent solids with unstabilized solids)
		None unknown
		Describe, on this form or another sheet of paper, any treatment processes used at the receiving facility to reduce vector attraction properties of sewage sludge:
	h.	Does the receiving facility provide any additional treatment or blending not identified in f or g above? YesNo
		If yes, describe, on this form or another sheet of paper, the treatment processes not identified in f or g above:
	i.	If you answered yes to f., g or h above, attach a copy of any information you provide to the receiving facility to comply with the "notice and necessary information" requirement of 9 VAC 25-31-530.G.
	j	Does the receiving facility place sewage sludge from your facility in a bag or other container for sale or give-away for application to the land?YesNo If yes, provide a copy of all labels or notices that accompany the product being sold or given away.
	1	
	k.	Will the sewage studge be transported to the receiving facility in a truck-mounted watertight tank normally used for such purposes? Yes No. If no provide description and specification on the vehicle used to transport the

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		sewage sludge to the receiving facility.
		Show the haul route(s) on a location map or briefly describe the haul route below and indicate the days of the week and the times of the day sewage sludge will be transported.
		and the times of the day sewage sindge will be transported.
7.	Land At	pplication of Bulk Sewage Sludge.
7.		to Question 7.a if sewage sludge from your facility is applied to the land, unless the sewage sludge is covered in Questions 4, 5 or 6; complete
		7.b, c & d only if you are responsible for land application of sewage sludge.)
	a.	Total dry metric tons per 365-day period of sewage sludge applied to all land application sites: 180 dry metric tons
	b .	Do you identify all land application sites in Section C of this application? X Yes No
		If no, submit a copy of the Land Application Plan (LAP) with this application (LAP should be prepared in accordance with the instructions).
	C.	Are any land application sites located in States other than Virginia?Yes _X_No
	0.	If yes, describe, on this form or on another sheet of paper, how you notify the permitting authority for the States where
		the land application sites are located. Provide a copy of the notification.
	ď.	Attach a copy of any information you provide to the owner or lease holder of the land application sites to comply with
		the "notice and necessary" information requirement of 9 VAC 25-31-530 F and/or H (Examples may be obtained in
		Appendix IV). (N/A)
8.		Disposal. (N/A)
	` -	te Question 8 if sewage sludge from your facility is placed on a surface disposal site.)
,	a.	Total dry metric tons per 365-day period of sewage sludge from your facility placed on all surface disposal sites: dry metric tons
	b.	Do you own or operate all surface disposal sites to which you send sewage sludge for disposal? YesNo
		If no, answer questions c - g for each surface disposal site that you do not own or operate. If you send sewage sludge
		to more than one surface disposal site, attach additional pages as necessary.
	C.	Site name or number:
	đ.	Contact person: Title:
		Phone: ()
		Contact is:Site OwnerSite operator
	e.	Mailing address.
		Street or P.O. Box:
		City or Town: State: Zip:
		f. Total dry metric tons per 365-day period of sewage sludge from your facility placed on this surface disposal
	a	site: dry metric tons List, on this form or an attachment, the surface disposal site VPDES permit number as well as the numbers of all other
	g.	federal, state or local permits that regulate the sewage sludge use or disposal practices at the surface disposal site:
		Permit Number: Type of Permit:
9.	Incinera	ation. (N/A)
	(Complet	te Question 9 if sewage sludge from your facility is fired in a sewage sludge incinerator.)
	a.	Total dry metric tons per 365-day period of sewage sludge from your facility fired in a sewage sludge incinerator:
	b.	dry metric tons Do you own or operate all sewage sludge incinerators in which sewage sludge from your facility is fired?
	υ.	YesNo
		If no, answer questions c - g for each sewage sludge incinerator that you do not own or operate. If you send sewage
	_	sludge to more than one sewage sludge incinerator, attach additional pages as necessary.
	C. A	Incinerator name or number:
	đ.	Contact person: Title:
		Phone: ()
		Contact is:Incinerator OwnerIncinerator Operator
	e.	Mailing address.

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		Street or P.O. Box:	*****	
		City or Town:	State:	Zip:
	f.	Total dry metric tons per 365-	day period of sewage	sludge from your facility fired in this sewage sludge incinerate
		dry metric tons		
	g.	List on this form or an attachn	nent the numbers of a	III other federal, state or local permits that regulate the firing of
	0	sewage sludge at this incinerate	tor:	
		Permit Number:	Type o	of Permit:
		the service design of the	16H (\$1/4)	
10.	Dispo	osal in a Municipal Solid Waste L	andfill. (N/A)	a to 1 10 1 and 1 a 1011 The will a 41 a fell market buffer management on few and
	(Com	plete Question 10 if sewage sludge from	your facility is placed on	a municipal solid waste landfill. Provide the following information for eac y is placed. If sewage sludge is placed on more than one municipal solid wa
		apai sond waste iandini on which sewagi II, attach additional pages as necessary.)		y is placed. If sewage siduge is placed our more dian one manualpar some
		Landfill name:		
	a. b.	Contact person:		
	υ.	Title:		
		Phone: ()		
		Contact is: Landfill Owner	r Landfill Operat	or
	•	Mailing address.	Canomir Operati	NA .
	C.	Street or P.O. Box:		
		City or Town:	State:	Zip:
	đ	Landfill location.		
	ų.	Street or Route #:		
		County:		
		City or Town:	State:	Zip:
	e.	Total dry metric tons per 365-	day period of sewage	e sludge placed in this municipal solid waste landfill:
	O.	roundry motito tons por 505	dry metric tons	,
		f. List, on this form or	an attachment, the mi	imbers of all federal, state or local permits that regulate the
		operation of this municipal so	lid waste landfill:	1
		Permit Number:	Type	of Permit:
		I WILLIAM I		
	g.	Does sewage sludge meet apr	licable requirements	in the Virginia Solid Waste Management Regulation, 9 VAC 20
	8	80-10 et seg., concerning the	quality of materials d	lisposed in a municipal solid waste landfill?
		Yes No	1	•
	h.	Does the municipal solid was	te landfill comply wit	th all applicable criteria set forth in the Virginia Solid Waste
		Management Regulation, 9 V	AC 20-80-10 et seq.?	YesNo
	· i.	Will the vehicle bed or other	container used to tran	sport sewage sludge to the municipal solid waste landfill be
		watertight and covered?	Yes No	
		Show the haul route(s) on a lo	cation map or briefly	y describe the route below and indicate the days of the week and
		time of the day sewage sludge	will be transported.	·
		ar art and seconds missely		

VPDES PERMIT NUMBER: VA0062499 SECTION C. LAND APPLICATION OF BULK SEWAGE SLUDGE

-	The sew vector a The sew You pro	ion for sewage sludge that is land applied unless any of the following conditions apply: rage sludge meets the Table 1 ceiling concentrations, the Table 3 pollutant concentrations, Class A pathogen requirements and one of the attraction reduction options 1-8 (fill out B.4 instead) (EQ Sludge); or rage sludge is sold or given away in a bag or other container for application to the land (fill out B.5 instead); or ovide the sewage sludge to another facility for treatment or blending (fill out B.6 instead). C for every site on which the sewage sludge that you reported in B.7 is land applied.
ł.		fication of Land Application Site. Site name or number: Southampton Correctional Center ESU & Agribusiness
	а. Б.	Site location (Complete i and ii)
	υ.	i. Street or Route#: 14545 Old Belfield Road
		County: Southampton
		City or Town: Capron State: Virginia Zip: 23829
		City or Town: <u>Capron</u> State: <u>Virginia</u> Zip: <u>23829</u> ii. Latitude: <u>N36 Degrees 43° 46"</u> Longitude: <u>W77 Degrees 15° 6.3"</u>
		Method of latitude/longitude determination
		USGS map Filed survey <u>GPS</u> Other
	c. .	Topographic map. Provide a topographic map (or other appropriate map if a topographic map is unavailable) that shows the site location. See Attachment Section C, I., c.
2.	Owne	r Information.
	a.	Are you the owner of this land application site? X Yes No
	b.	If no, provide the following information about the owner:
		Name:
		Street or P.O. Box:
		City or Town: State: Zip:
		Phone: ()
3.	Applie	er Information:
	a.	Are you the person who applies, or who is responsible for application of, sewage sludge to this land application site? Yes X_No
	b.	If no, provide the following information for the person who applies the sewage sludge:
		Name:
		Street or P.O. Box:
		City or Town: State: Zip:
	^	Phone: () List, on this form or an attachment, the numbers of all federal, state or local permits that regulate the person who
	C.	applies sewage sludge to this land application site:
		Permit Number: Type of Permit:
		VA0062499 <u>VPDES</u>
4.	Cita T	ype. Identify the type of land application site from among the following:
₩.		Agricultural landReclamation siteForest
		blic contact siteOther. Describe
_	•••	
5 .		r Attraction Reduction.
		ny vector attraction reduction requirements met when sewage sludge is applied to the land application site? YesNo If yes, answer a and b.
	a.	Indicate which vector attraction reduction option is met:
	и.	Option 9 (Injection below land surface)
		X Option 10 (Incorporation into soil within 6 hours)
	b.	Describe, on this form or on another sheet of paper, any treatment processes used at the land application site to reduce
		the vector attraction properties of sewage sludge: SBR Wastewater Treatment Plant, Aerobic Digestion, Dewatering
		by Plate & Frame Sludge Press and Drying Beds, Stored in Biosolids Storage Building Usually Several Months Until
		Land Applied by DOC Agribusiness after 7 Fecal Coliform Tests are Performed From 7 Separate Storage Locations.
6.		lative Loadings and Remaining Allotments.
	(Comp	lete Question 6 only if the sewage sludge applied to this site since July 20, 1993 is subject to the cumulative pollutant loading rates (CPLRs)

(AC)	LITY NA	AME: SHCC/ESU	VPDES PERMIT NUMBER: VA0062499
	a.	Have you contacted DEQ or the permitt	ing authority in the state where the sewage sludge subject to the CPLRs will be
		applied to ascertain whether bulk sewag	e sludge subject to the CPLRs has been applied to this site since July 20,
*		1993? X Yes No	
		If no, sewage sludge subject to the CPL	Rs may not be applied to this site.
		If yes, provide the following information	
		Permitting authority: Virginia Departm	
		Contact person: Melinda Woodruff, W.	
		Phone: (757) 518-2174	
	b.	Based upon this inquiry has bulk sewar	ge sludge subject to the CPLRs been applied to this site since July 20, 1993?
	٠.	Yes X No If no, skip the rest of Que	
	C.	Site size, in hectares: 299.07	(one hectare = 2.471 acres)
	d.		very facility other than yours that is sending or has sent sewage sludge subject
	u.	to the CPI Re to this site since July 20	1993. If more than one such facility sends sewage sludge to this site, attach
		additional pages as necessary.	1775. If those title one block methor belies better a transfer to this brief, that
		Facility name: St. Brides Correctional	Center/Environmental Services Unit
		Facility contact: Dallas L. Phillips	& Charles Brown
		Title: Environmental Services Manager	**************************************
		Phone: (757) 925-2212, Ext. 5012	(757) 421-7141, Ext. 2860
			(131) 421=/111, EAL 2000
		Mailing address.	al Blvd., Suite F 701 Sanderson Road
		Street or P.O. Box: 1001 Obici Industri	
		City or Town: Suffolk State: Virgin	
	e.		remaining, in kg/hectare, for each of the following pollutants:
		Cumulative	loading Allotment remaining
		Arsenic	Clara Balda a Narra and Claradiana (Claradiana)
		Cadmium	See Attachment Section C, 6., e.
		Copper	
		Lead	
		Mercury	
		Nickel	
		Selenium	
		Zinc	
Comp	lete Question	ns 7-12 below only if you apply sewage sludge, or	you are responsible for land application of sewage sludge. Information required by these Howing questions if you contract land application to someone else (as indicated under Section
		prepared as attachments to this form. Skip the to isible for the operation.	manth discounts it less court see unin abburation in someour exects unineared miner receiver
,			
7.	Sludge	e Characterization. Use the table below or	a separate attachment, provide at least one analysis for each parameter.
		PCBs (mg/kg)	
		pH (S. U.)	See Attachment Section C, 7.
		Percent Solids (%)	
		Ammonium Nitrogen (mg/kg)	
		Nitrate Nitrogen (mg/kg)	
		Total Kjeldahl Nitrogen (mg/kg)	
		Total Phosphorus (mg/kg)	
		Total Potassium (mg/kg)	
		Alkalinity as CaCO ₃ * (mg/kg)	
		maning as cares (mg/ss)	
		* Lime treated sludge (10% or n	nore lime by dry weight) should be analyzed for percent CaCO ₃ . N/A

FAC	ILITY N.		ES PERMIT NUMBER: <u>VA0062499</u>
	a.	Have you contacted DEQ or the permitting authority in the state wh	ere the sewage sludge subject to the CPLRs will be
		applied to ascertain whether bulk sewage sludge subject to the CPLI	Rs has been applied to this site since July 20,
		1993? X Yes No	• •
		If no, sewage sludge subject to the CPLRs may <u>not</u> be applied to thi	s site.
		If yes, provide the following information:	
		Permitting authority: Virginia Department of Environmental Qualit	v
		Contact person: Melinda Woodruff, Water Permit Engineer	<u> </u>
		Phone: (757) 518-2174	
	Ъ.	Based upon this inquiry, has bulk sewage sludge subject to the CPL	Rs been applied to this site since Tuly 20, 19939
	o.	Yes X No If no, skip the rest of Question 6. If yes, answer ques	
	^	Site size, in hectares: 299.07 (one hectare = 2.471 a	
	c. d.	Provide the following information for every facility other than your	
	u.	to the CPLRs to this site since July 20, 1993. If more than one such	
			racinty sends sewage studge to this site, attach
		additional pages as necessary.	TY-:4
		Facility name: St. Brides Correctional Center/Environmental Servi	
			aham L. Jett
			eatment Plant Supervisor
			04)-333-3577, ext. 4757
		Mailing address.	
			oute 360 East, P.O. Box 39
			ynesville, Virginia 22472
	e.	Provide the total loading and allotment remaining, in kg/hectare, for	
		Cumulative loading Allotment ren	naining
		Arsenic	
		Cadmium See Attac	<u>hment Section C, 6., e.</u>
		Copper	
		Lead	
		Mercury	
		Nickel	
		Selenium	
		Zinc	
		tions 7-12 below only if you apply sewage sludge, or you are responsible for land appli se prepared as attachments to this form. Skip the following questions if you contract l	
4.7) w	ho is respoi	onsible for the operation.	
,	C11_		#4.1
7.	Smag	ge Characterization. Use the table below or a separate attachment, provi	de at least one analysis for each parameter.
		TO(T) = (>	
		PCBs (mg/kg)	
		- , , ,	chment Section C, 7.
		Percent Solids (%)	
		Ammonium Nitrogen (mg/kg)	•
		Nitrate Nitrogen (mg/kg)	
		Total Kjeldahl Nitrogen (mg/kg)	
		Total Phosphorus (mg/kg)	
		Total Potassium (mg/kg)	•
		Alkalinity as CaCO ₃ * (mg/kg)	
		 Lime treated sludge (10% or more lime by dry weight) sho 	uld be analyzed for percent CaCO ₃ . N/A
			· · · · · · · · · · · · · · · · · · ·

FACII 8.	LITY NAME: SHCC/ESU Storage Requirements.			VPDES PERMIT NUMBER: VA0062499		
				must provide an estimated annual sludge balance on a monthly basis		
	incor	porating s	such factors as storage capacity,	sludge production and land application schedule. Include pertinent calculations		
			ige requirements.	and the fallowing information.		
	•	sea stuag	ge storage facilities must also pr	ovide the following information:		
	a.	A sluc	age storage site layout on a /.5 i	minute topographic quadrangle or other appropriate scaled map to show the		
				surrounding landscape to a distance of 0.25 mile. Clearly mark the property line.		
		1)	Water wells, abandoned or o	perating		
		2)	Surface waters			
		3)	Springs	See Attachment Section C, 8., a.		
		4)	Public water supply(s)			
		5)	Sinkholes			
		6)	Underground and/or surface			
		7)	Mine pool (or other) surface			
		8)	Mining spoil piles and mine	dumps		
		9)	Quarry(s)			
		10)	Sand and gravel pits			
		11)	Gas and oil wells			
		12)	Diversion ditch(s)	,		
		13)	Agricultural drainage ditch(s			
		14)		ng industrial and commercial establishments		
		15)	Landfills or dumps			
		16)	Other unlined impoundment	S .		
		17)	Septic tanks and drainfields			
		18)	Injection wells			
	1.	19)	Rock outcrops	14. Junily than the fallowing information.		
	b.	_		il to clearly show the following information:		
		1)	Maximum and minimum per			
		2)	Depressions on the site that			
		3)	Drainageways that may attri	bute to rainfall run-on to or runoff from this site		
		4)		which are located with the 100-year floodplain and how the storage facility will be		
		ъ.	protected from flooding	- 6- title - 11- to a constant		
	C.		and specifications for the storag			
	đ.	Pian a	and cross-sectional views of the	Siolage facility.		
	e.			facility to the seasonal high water table and separation distance to the permanent		
		water	table.			
9.	Land	Area Rec	quirements. Provide calculation	s justifying the land area requirements for land application of sewage sludge		
	takin	g into cor	sideration average soil producti	vity group, crop(s) to be grown and most limiting factor(s) of the sewage sludge,		
	speci	fically Pla	ant Available Nitrogen (PAN),	Calcium Carbonate Equivalence (CCE), and metal loadings (CPLR sewage sludge		
				nd metal loadings to demonstrate the most limiting factor for land application.		
	•			ee Attachment Section C, 9.		
10.	Land	owner Ag	greement Forms. Provide a prop	perly completed Sewage Sludge Application Agreement Form (attached) for each		
				nto land not owned by the applicant. (N/A)		
11.			Monitoring.			
	Are any ground water monitoring data available for this land application site?Yes _X_No					
	If yes, submit the ground water monitoring data with this permit application. Also submit a written description of the well					
	locati	ions, appı	roximate depth to ground water,	and the ground water monitoring procedures used to obtain these data.		
12.	Land	Applicat	ion Site Information.			
12.	Com	. Appiivai nlete Items	on our sites receiving infrequent ann	lication - land application of sewage sludge up to the agronomic rate at a frequency of once in a		
	3 year	period; co	mplete Items a-h for sites receiving fr	equent application - land application of sewage sludge in excess of 70% the agronomic rate at a		
			r than once in a 3 year period)			
				See Attachment Section C, 12., a., b., c., d.		
	a.	Provi	de a general location map for ea	ch county which clearly indicates the location of all the land application sites.		
	b.	For e	ach land application site provide	e a site plan of sufficient detail to clearly show the concerned landscape features		

and associated buffer zones (See instructions). Provide a legend for each landscape feature and the net acreage for

each field taking into account the proposed buffer zones.

VPDES PERMIT NUMBER: VA0062499

c. In order to ensure that land application of bulk sewage sludge will not impact federally listed threatened or endangered species or federally designated critical habitat, the applicant must notify the field office of the U. S. Department of the Interior, Fish and Wildlife Service (FWS), by a letter, the proposed land application activities with the identification of the land application sites. The address and phone number of FWS are provided below.

U. S. Fish and Wildlife Service

Virginia Field Office

P. O. Box 480

White Marsh, VA 23183

TEL: (804)693-6694

Provide a copy of the notification letter with this application form.

d. Provide a soil survey map, preferably photographically based, with the field boundaries clearly marked. (A USDA-SCS soil survey map should be provided, if available.)

Provide a detailed legend for each soil survey map which uses accepted USDA-SCS descriptions of the typifying pedon for each soil series (soil type). Complex associations may be described as a range of characteristics. Soil descriptions shall include as a minimum the following information.

- 1) Soil symbol
- 2) Soil series, textural phase and slope range
- 3) Depth to seasonal high water table
- 4) Depth to bedrock
- 5) Estimated soil productivity group (for the proposed crop rotation)

Item e - h are required for sites receiving frequent application of sewage sludge

- e. In order to verify the information provided in item d, characterize the soil at each land application site. Representative soil borings or test pits to a depth of five feet or to bedrock if shallower, are to be coordinated for the typifying pedon of each soil series (soil type). Soil descriptions shall include as a minimum the following information:
 - 1). Soil symbol
 - 2). Soil series, textural phase and slope range
 - 3). Depth to seasonal high water table
 - 4). Depth to bedrock
 - 5). Estimated soil productivity group (for the proposed crop rotation)

See Attachment Section C, 12., e., f., g., h.

g.

VPDES PERMIT NUMBER: VA0062499

Attachment Section C, 12., e., f., g., h.

Collect and analyze soil samples from each field, weighted to best represent each of the soil borings performed for Item e. Using the table below or a separate attachment, provide at least one analysis per sample for each of the following parameters.

Soil Organic Matter (%)

Soil pH (std. units)

Cation Exchange Capacity (meq/100g)

Total Nitrogen (ppm)

Organic Nitrogen (ppm)

Ammonia Nitrogen (ppm)

Nitrate Nitrogen (ppm)

Available Phosphorus (ppm)

Exchangeable Potassium (mg/100g)

Exchangeable Sodium (mg/100g)

Exchangeable Calcium (mg/100g)

Exchangeable Magnesium (mg/100g)

Arsenic (ppm)

Cadmium (ppm)

Copper (ppm)

Lead (ppm)

Mercury (ppm)

Molybdenum (ppm)

Nickel (ppm)

Selenium (ppm)

Zinc (ppm)

Manganese (ppm) Particle Size Analysis or USDA Textural Estimate (%) Relate the crop nutrient needs to anticipated yields, soil productivity rating and the various fertilizer or nutrient sources

from sludge and chemical fertilizers. Describe any specialized agronomic management practices which may be

- required as a result of high soil pH. If the sludge is expected to possess an unusually high CCE or other unusual properties, provide a description of any plant tissue testing, supplemental fertilization or intensive agronomic management practices which may be necessary. Using a narrative format and referencing any related charts, describe the proposed cropping system. Show how the ħ.
- crop rotation and management will be coordinated with the design of the land application system. Include any supplemental fertilization program, soil testing and the coordination of tillage practices, planting and harvesting schedules and timing of land application.

Soil Productivity Rating of I at Southampton Correctional Center

FAC	ILITY NAME: SHCC/ESU	_	VPDES PERMIT NU	MBER: <u>VA006249</u>	<u>99</u>
	SEWAGE SI	LUDGE APPLICATI	ON AGREEMENT	aru.	
	(N/A) sewage studge application agreement is made	o on this date	hetween	(N/A)	, referred
to he	re as "landowner", and	, referr	ed to here as the "Permittee".		
Land	lowner is the owner of agricultural land show	n on the map attached	d as Exhibit A and designated the	r agrees to comply v	with certain
perm perm	uit requirements following application of sew uit number which is held	age sludge on landow d by the Permittee.	ners land in amounts and in a in	anner annonzed by	VIDES
cond	lowner acknowledges that the appropriate applicationing to the property. Moreover, landow following site restrictions must be adhered to	ner acknowledges hav	ving been expressly advised that	, in order to protect	il public health
1.	Food crops with harvested parts that touch harvested for 14 months after application	ch the sewage sludge/ n of sewage sludge;	soil mixture and are totally above	re the land surface s	hall not be
2.	Food crops with harvested parts below the sludge when the sewage sludge remains	he surface of the land on the land surface fo	shall not be harvested for 20 mo or four months or longer prior to	onths after application into t	on of sewage he soil;
3.	Food crops with harvested parts below the sludge when the sewage sludge remains	he surface of the land on the land surface fo	shall not be harvested for 38 mor less than four months prior to	onths after application into the discorporation into t	on of sewage he soil;
4.	Food crops, feed crops, and fiber crops s	shall not be harvested	for 30 days after application of	sewage sludge;	
5 .	Animals shall not be grazed on the land	for 30 days after appl	ication of sewage sludge;		
6.	Turf grown on land where sewage sludg when the harvested turf is placed on eith by the State Water Control Board;	e is applied shall not ler land with a high po	be harvested for one year after a otential for public exposure or a	pplication of the sev lawn, unless otherw	wage sludge vise specified
7.	Public access to land with a high potenti sludge;	ial for public exposure	e shall be restricted for one year	after application of	sewage
8.	Public access to land with a low potentia	al for public exposure	shall be restricted for 30 days a	fter application of se	ewage sludge
9.	Tobacco, because it has been shown to a following the application of sewage sluc	accumulate cadmium, Ige borne cadmium e	should not be grown on landow qual to or exceeding 0.5 kilogram	mer's land for three ms/hectare (0.45 por	years ınds/acre).
prio	mittee agrees to notify landowner or landown r to any particular application to landowner's ress specified below.	er's designee of the pr land. This agreemen	roposed schedule for sewage slu it may be terminated by either pa	dge application and arty upon written no	specifically tice to the
	Landowner:	Permitt	iee:		
	Signature		Signature		
	Mailing Address	Mailin	g Address		

SECTION D. SURFACE DISPOSAL

Complete this section only if you own or operate a surface disposal site. Provide the information for each active sewage sludge unit.

1.	Information on Active Sewage Sludge Units. (N/A)			
	a.	Unit name or number:		
	Ъ.	Unit location		
		i. Street or Route#:		
		County:		
		City or Town: State: Zîp:		
		ii. Latitude: Longitude:		
		Method of latitude/longitude determination		
		USGS map Filed survey Other		
		c. Topographic map. Provide a topographic map (or other appropriate map if a topographic map is unavailable)		
		that shows the site location.		
	đ.	Total dry metric tons of sewage sludge placed on the active sewage sludge unit per 365-day period:		
		dry metric tons.		
		e. Total dry metric tons of sewage sludge placed on the active sewage sludge unit over the life of the unit:		
		dry metric tons.		
	f.	Does the active sewage sludge unit have a liner with a minimum hydraulic conductivity of		
		1 x 10 ⁻⁷ cm/sec?YesNo If yes, describe the liner or attach a description.		
	g.	Does the active sewage sludge unit have a leachate collection system?YesNo		
	_	If yes, describe the leachate collection system or attach a description. Also, describe the method used for leachate		
		disposal and provide the numbers of any federal, state or local permits for leachate disposal:		
	L.	If you answered no to either f or g, answer the following:		
	h.	Is the boundary of the active sewage sludge unit less than 150 meters from the property line of the surface disposal		
		Is the outlineary of the active sewage stringe that less man 150 meters from the property line of the surface appear		
	i.	site? Yes No If yes, provide the actual distance in meters: Remaining capacity of active sewage sludge unit, in dry metric tons: dry metric tons		
		Anticipated closure date for active sewage sludge unit, if known: (MM/DD/YYYY)		
		Provide with this application a copy of any closure plan developed for this active sewage sludge unit.		
2.	Sewag	Sewage Shidge from Other Facilities.		
	Is sew	age sludge sent to this active sewage sludge unit from any facilities other than yours?YesNo		
	If yes,	provide the following information for each such facility, attach additional sheets as necessary.		
	a.	Facility name:		
	b.	Facility contact:		
		Title:		
		Phone: ()		
	C.	Mailing address.		
		Street or P.O. Box:		
		City or Town: State: Zip:		
	đ.	List, on this form or an attachment, the facility's VPDES permit number as well as the numbers of all other federal,		
		state or local permits that regulate the facility's sewage sludge management practices:		
		Permit Number: Type of Permit:		
	e.	Which class of pathogen reduction is achieved before sewage sludge leaves the other facility?		
		Class A Class B Neither or unknown		
	f.	Describe, on this form or on another sheet of paper, any treatment processes used at the other facility to reduce		
		pathogens in sewage sludge:		

FACILIT	TY NAME: SHCC/ESU	VPDES PERMIT NUMBER: <u>VA0062499</u>
g	g. Which vector attraction reduction Option 1 (Minimum 38 pero	on option is achieved before sewage sludge leaves the other facility? cent reduction in volatile solids)
	Option 2 (Anaerobic proces	ss, with bench-scale demonstration)
	Option 3 (Aerobic process,	with bench-scale demonstration)
	Option 4 (Specific oxygen t	uptake rate for aerobically digested sludge)
	Option 5 (Aerobic processes	s plus raised temperature)
	Option 6 (Raise pH to 12 ar	with no unstabilized solids)
	Option 8 (90 percent solids	with unstabilized solids)
	None or unknown	
1	h. Describe, on this form or anothe attraction properties of sewage	er sheet of paper, any treatment processes used at the other facility to reduce vector sludge:
ì	i. Describe, on this form or anoth facility that are not identified in	ner sheet of paper, any other sewage sludge treatment activities performed by the other in e - h above:
3.	Vector Attraction Reduction.	
8	a. Which vector attraction reduction unit? Option 9 (Injection below la Option 10 (Incorporation in Option 11 (Covering active	nto soil within 6 hours)
1	b. Describe, on this form or anoth reduce vector attraction propert	her sheet of paper, any treatment processes used at the active sewage sludge unit to
4	Ground Water Monitoring.	
	a. Is ground water monitoring cur otherwise available for this acti if yes, provide a copy of availal locations, the approximate dept data.	rrently conducted at this active sewage sludge unit or are ground water monitoring data ive sewage sludge unit?YesNo ble ground water monitoring data. Also provide a written description of the well the to ground water, and the ground water monitoring procedures used to obtain these
1	Yes No If yes, submit a	g program been prepared for this active sewage sludge unit? a copy of the ground water monitoring program with this application.
	c. Have you obtained a certification studge unit has not been contained if yes, submit a copy of the certification.	ion from a qualified ground water scientist that the aquifer below the active sewage minated?YesNo
5.	Site-Specific Limits. Are you seeking site-specific pollutant l YesNo If yes, submit information	timits for the sewage sludge placed on the active sewage sludge unit? on to support the request for site-specific pollutant limits with this application.